



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

ERIC J. BECKMAN et. al.

Serial No.: 10/789,900

Filed: February 27, 2004

Art Unit: 1621

Examiner: Shailendra Kumar

Attorney Docket No.: 02-027 CIP

**SYNTHESIS OF
N-VINYL FORMAMIDE**

Pittsburgh, Pennsylvania 15219
August 26, 2005

Mail Stop AMENDMENT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

CERTIFICATION OF EXPRESS MAILING UNDER 37 CFR 1.10

I hereby certify that the attached **INFORMATION DISCLOSURE STATEMENT** and any documents referred to as enclosed therewith are being deposited with the United States Postal Service on this date August 26, 2005, in an envelope as "Express Mail Post Office to Addressee". Mailing Label Number EL903357215US, addressed to the: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Henry E. Bartony, Jr.

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INFORMATION DISCLOSURE STATEMENT

In compliance with Applicant's duty of disclosure under 37 C.F.R. § 1.56, Applicants submit the attached Forms PTO/SB/08a and PTO/SB/08b listing publications for consideration by the Examiner. Kindly, make these publications of record in the file of the application.

STATEMENT OF RELEVANCY

Applicants believe that the relevance of the publications listed on attached Forms PTO/SB/08a and PTO/SB/08b is apparent from their disclosure. A copy of each non-US patent reference listed on attached Forms PTO/SB/08a and PTO/SB/08b is enclosed with this Information Disclosure Statement.

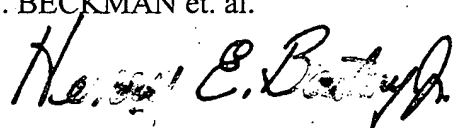
The Examiner is respectfully requested to initial a copy of the attached Forms PTO/SB/08a and PTO/SB/08b to show consideration of the publications, and to return the initialed form to the undersigned Attorney for Applicants.

Applicants note that although the cited references may be relevant to the examination of the above-referenced application, the filing of this Statement is not an admission that the information cited in the statement is, or is considered to be, prior art or material to patentability as defined in § 1.56(b).

Applicants believe that no fee is required in connection with this Information Disclosure Statement. However, the United States Patent and Trademark Office is hereby authorized to charge any such fee to Deposit Account No. 02-1065. A duplicate copy of this Information Disclosure Statement is transmitted herewith.

Respectfully submitted,
ERIC J. BECKMAN et. al.

By


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Substitute for form 1449/PTO

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| Sheet | 1 | of | 4 |
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Complete if Known

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|------------------------|-------------------|
| Application Number | 10/789,900 |
| Filing Date | February 27, 2004 |
| First Named Inventor | ERIC J. BECKMAN |
| Art Unit | 1713 |
| Examiner Name | SHAILENDRA KUMAR |
| Attorney Docket Number | 02-027 CIP |

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| FOREIGN PATENT DOCUMENTS | | | | | | |
|--------------------------|-----------------------|---|--------------------------------|---|---|----------------|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear | T ⁶ |
| | | Country Code ³ -Number ⁴ -Kind Code ⁵ (if known) | | | | |
| | B1 | FR 2 558 156 | 07-19-1985 | MITSUBISHI CHEMICAL INDUSTRIES LIMITED | | |
| | B2 | DE 4116266 A1 | 03-12-1992 | AIR PRODUCTS AND CHEMICAL, INC. | | |
| | B3 | DE 4438366 A1 | 05-02-1996 | BASF AG | | |
| | B4 | EU 0361514 A2 | 04-04-1990 | FUJI PHOTO FILM CO., LTD | | |
| | B5 | EU 0362804 A2 | 04-11-1990 | FUJI PHOTO FILM CO., LTD | | |
| | B6 | EU 0440226 A2 | 08-07-1991 | FUJI PHOTO FILM CO., LTD | | |

**Examiner
Signature**

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| Date | |
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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND

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PTO/SB/08A (07-05)

Approved for use through 07/31/2006. OMB 0651-0031

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| | | | | Application Number | 10/789,900 |
| | | | | Filing Date | February 27, 2004 |
| | | | | First Named Inventor | ERIC J. BECKMAN |
| | | | | Art Unit | 1713 |
| | | | | Examiner Name | SHAIENDRA KUMAR |
| | | | | Attorney Docket Number | 02-027 CIP |
| Sheet | 2 | of | 4 | | |

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| FOREIGN PATENT DOCUMENTS | | | | | | |
|--------------------------|-----------------------|---|--------------------------------|---|---|----------------|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear | T ⁶ |
| | | Country Code ³ Number ⁴ Kind Code ⁵ (if known) | | | | |
| | B7 | WO 2004/020395A1** | 03-11-2004 | UNIVERSITY OF PITTSBURGH | **International Search Report | |
| | | **INTERNATIONAL APPLICATION CORRESPONDING TO U.S. PAT. APPL NO. 10652,104 OF WHICH THE PRESENT APPLICATION IS A CIP | | | ** International Preliminary Examination Report and Written Opinion | |
| | B8 | JP 61097309 A | 05-15-1986 | MITSUBISHI CHEMICAL INDUSTRIES LIMITED | Abstract | |
| | B9 | JP 03319007 B | 08-26-2002 | MITSUBISHI KASEI CORPORATION | Abstract | |
| | B10 | JP 03182946 B | 07-03-2001 | MITSUBISHI KASEI CORPORATION | Abstract | |
| | B11 | JP 03314417 B | 08-12-2002 | MITSUBISHI KASEI CORPORATION | Abstract | |

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| Sheet | 3 | of | 4 | | |

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| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear | T ⁶ |
| | | Country Code ³ *Number ⁴ *Kind Code ⁵ (if known) | | | | |
| | B12 | JP 62059248 | 03-14-1987 | MITSUBISHI CHEM IND LTD. | Abstract | |
| | B13 | EP 0 184 074 | 11-21-1985 | BASF AKTIENGESELLSCHAFT | | |
| | B14 | DE 3500773 | 07-25-1985 | MITSUBISHI CHEM IND LTD. | | |
| | B15 | JP 63190862 | 08-08-1988 | MITSUBISHI CHEM IND | | |
| | B16 | PCT/US2005/005840 *** | | | INTERNATIONAL SEARCH REPORT AND WRITTEN OPINION | |
| | | *** INTERNATIONAL PATENT APPLICATION CORRESPONDING TO PRESENT US PATENT APPLICATION | 02-24-2005 | UNIVERSITY OF PITTSBURGH | | |

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| | | Art Unit | 1713 |
| | | Examiner Name | Shailendra Kumar |
| Sheet 4 | of 4 | Attorney Docket Number | 02-027 CIP |

| NON PATENT LITERATURE DOCUMENTS | | | |
|---------------------------------|-----------------------|---|----------------|
| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
| | C1 | PARRIS, G.E. and ARMOR, J.N.; Catalytic Cracking of Organic Amides. II Use of Substituted Amides, Mechanism, and a Predictive Index for Reactivity. Applied Catalysis, Vol. 78, pp 65-78 (1991) | |
| | C2 | CHANG, YIHUA et. al. Water-Soluble Copolymers. 47. Copolymerization of Maleic Anhydride and N-Vinylformamide; Macromolecules; (1993), 26; pp 4814-4817. | |
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